

FIG. 2

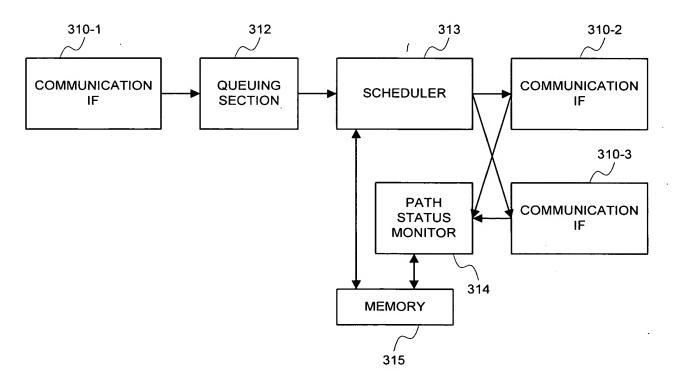


FIG. 3

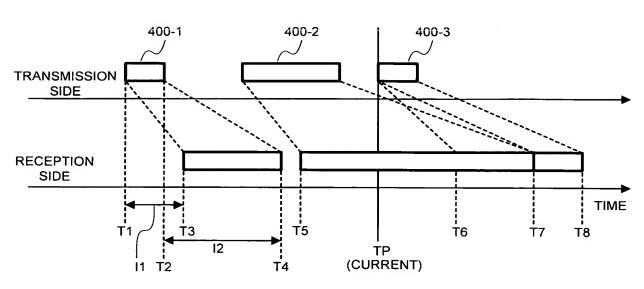
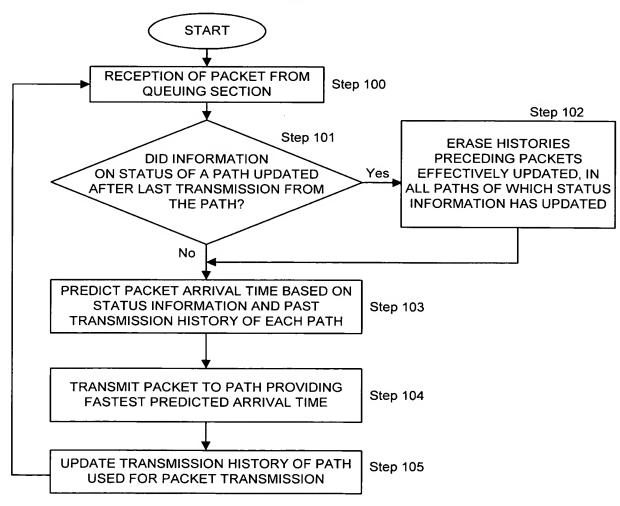
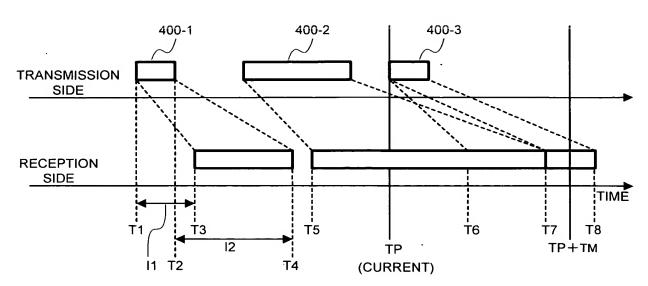


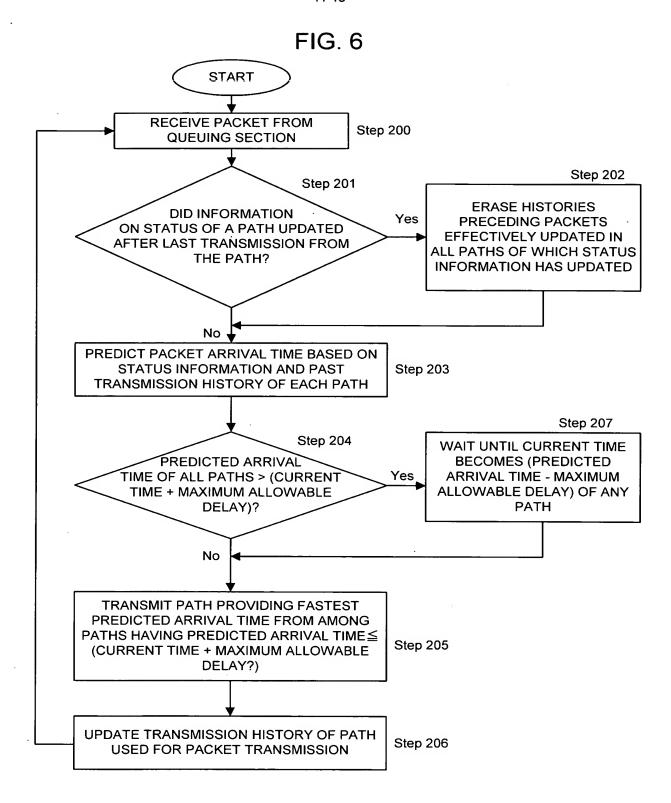
FIG. 4

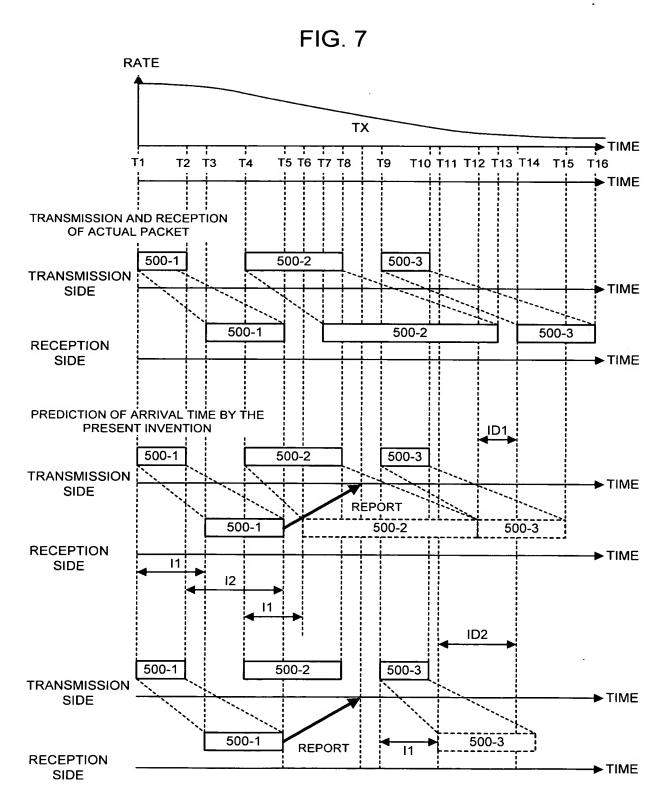


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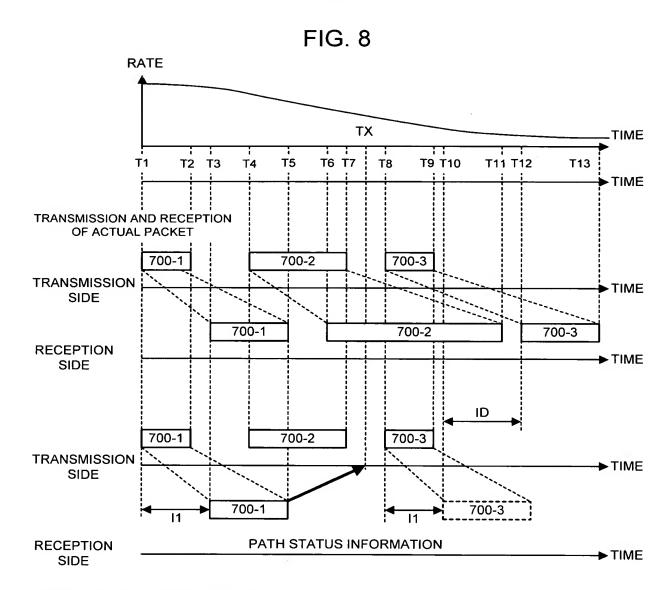






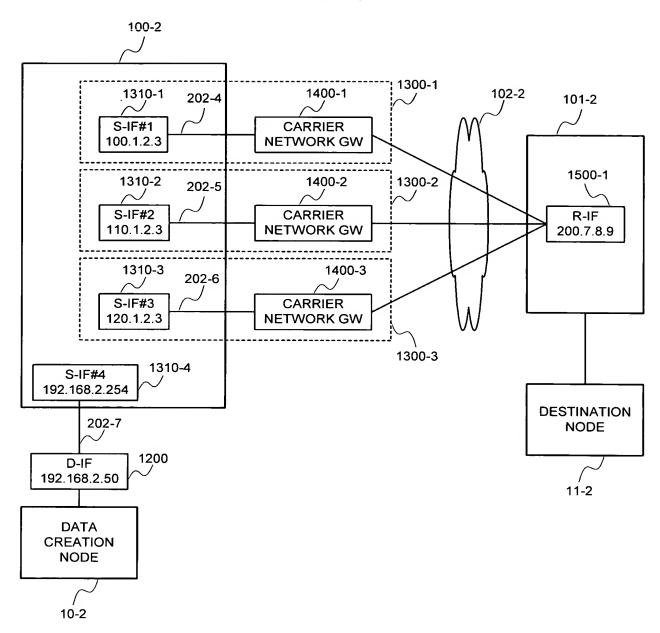


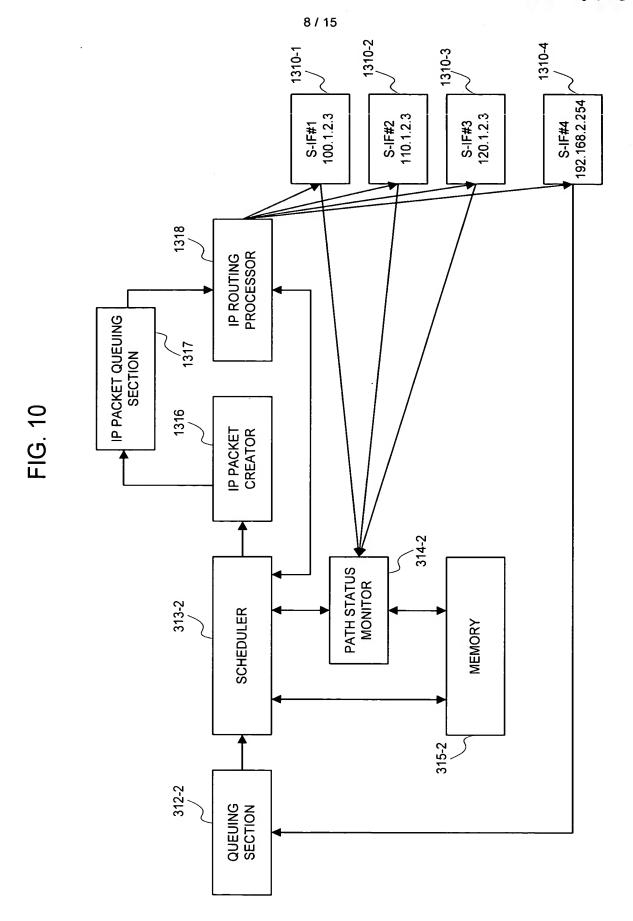
PREDICTION OF ARRIVAL TIME BY CONVENTIONAL ART



PREDICTION OF ARRIVAL TIME IN CONVENTIONAL ART

FIG. 9





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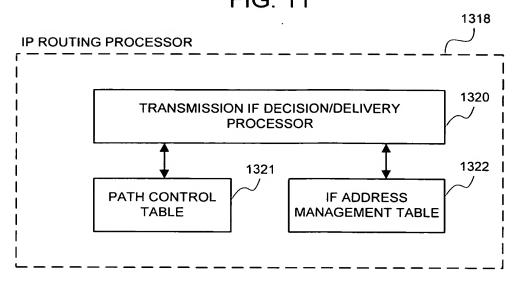


FIG. 12

		1,321		
PATH CONTROL TABLE				
DESTINATION NETWORK IP ADDRESS	NETWORK MASK	GATEWAY IP ADDRESS	COMMUNICATIONS INTERFACE	
200.7.8.9	255.255.255.255	100.1.2.4	S-IF#1	1321-a
200.7.8.9	255.255.255.255	110.1.2.5	S-IF#2	1321-b
200.7.8.9	255.255.255.255	120.1.2.4	S-IF#3	1321-c
192.168.3.50	255.255.255.0	192.168.3.49	S-IF#4	1321-d

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IF ADDRESS MANAGEMENT TABLE

1,322

COMMUNICATIONS INTERFACE	ALLOCATION IP ADDRESS
S-IF#1	100.1.2.3
S-IF#2	110.1.2.3
S-IF#3	120.1.2.3
S-IF#4	192.168.3.254

FIG. 14

PATH TO COMMUNICATIONS INTERFACE CORRESPONDENCE TABLE

1,330

COMMUNICATION PATH NUMBER	COMMUNICATIONS INTERFACE
1	S-IF#1
2	S-IF#3
3	S-IF#2

FIG. 15

TRANSMISSION IP PACKET CREATION DATA

1510

(200.7.8.9) (110.1.2.3) TRAINSIVISSION DATA		ADDRESS	TRANSMISSION SOURCE IP ADDRESS (110.1.2.3)	TRANSMISSION DATA
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FIG. 16

DELIVERY IP PACKET

	IP HEADER			1610
TRANSMISSION SOURCE IP ADDRESS (110.1.2.3)	DESTINATION IP ADDRESS (200.7.8.9)	OTHER IP HEADER INFORMATION	TRANSMISSION DATA	

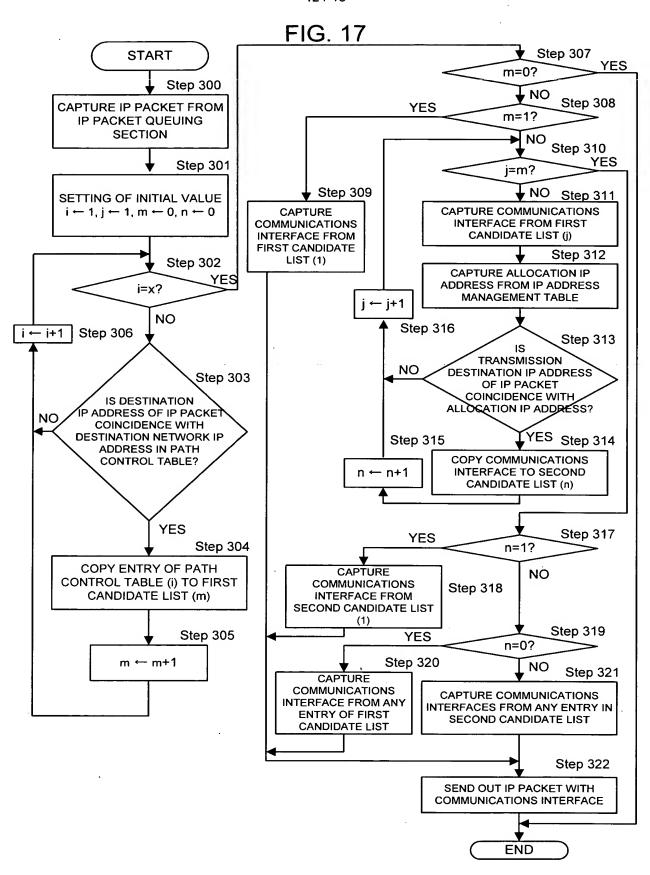


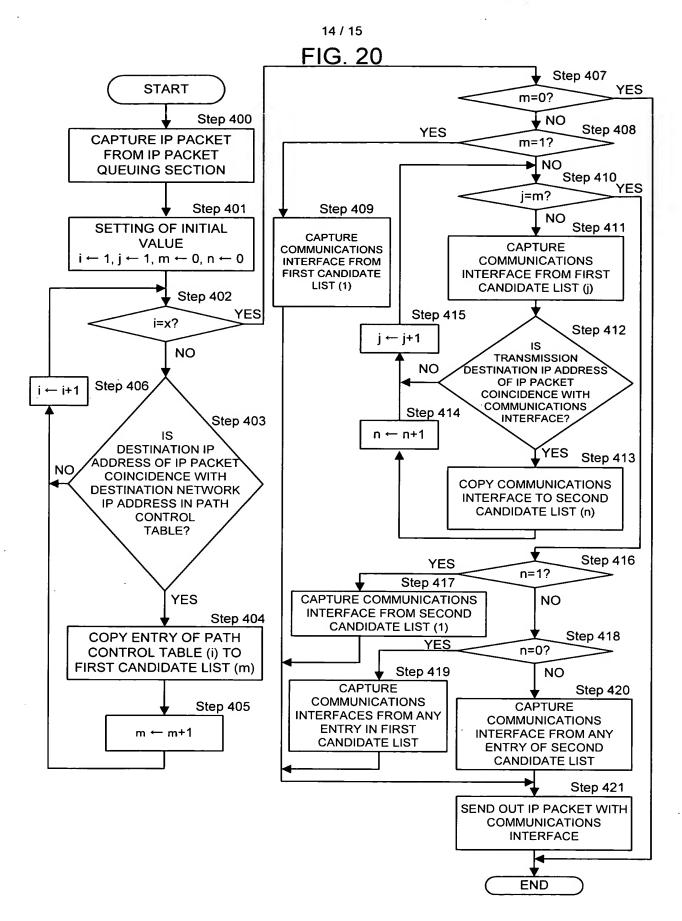
FIG. 18

OTHER MODE OF TRA	NSMISSION IP PACKET	CREATION DATA	1,511
DESTINATION IP ADDRESS (200.7.8.9)	TRANSMISSION SOURCE INTERFACE ("S-IF#2")	TRANSMISSION DATA	

FIG. 19

OTHER MODE OF DELIVERY IP PACKET

	IP HEADER			1 611
TRANSMISSION SOURCE IP ADDRESS ("S-IF#2")	DESTINATION IP ADDRESS (200.7.8.9)	OTHER IP HEADER INFORMATION	TRANSMISSION DATA	



15 / 15 FIG. 21

PATH CONTROL TABLE

1,321

DESTINATION NETWORK IP ADDRESS	NETWORK MASK	GATEWAY IP ADDRESS	COMMUNICATIONS INTERFACE	13
200.7.8.9	255.255.255.255	100.1.2.4	S-IF#1	13
200.7.8.9	255.255.255.255	110.1.2.5	S-IF#2	13
200.7.8.9	255.255.255.255	120.1.2.4	S-IF#3	~